

WHAT IS CLAIMED IS:

1. A syringe barrel for an injection apparatus, the syringe barrel being adapted to be mounted on a cylinder holder that comprises a flange insertion groove, the syringe barrel comprising:

5 a flange adapted to be held by said flange insertion groove so as to fix the syringe barrel;

a guide which can be engaged with the cylinder holder and restrict the mounting direction of the syringe barrel.

10 2. The syringe barrel according to Claim 1, wherein the guide is a projection having thickness of such size that the projection is not fitted in the flange insertion groove, and rotation of the cylinder is inhibited when the syringe barrel is mounted on a cylinder holder by engagement of the projection with a portion of the cylinder holder.

15 3. The syringe barrel according to Claim 2, wherein the cylinder holder comprises a vertical part on the inner wall surface on the syringe barrel side, and the guide has a straight line part to be engaged with the vertical part.

4. The syringe barrel according to Claim 2, wherein the cylinder holder comprises two clamps; the two clamps being open before mounting the syringe barrel, and upper parts of the clamps being closed toward inner side to fix the flange when the syringe barrel is mounted on the cylinder holder.

20 5. A pre-filled syringe, comprising:
a syringe comprising a syringe barrel of any of Claims 1 to 4; and
a chemical solution filled in the syringe.

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